19 inch CRT Monitor

109F52

Commercial Specifications

Picture/Display

Display Screen Type	Real Flat Picture Tube
Panel Size	19"/ 46 cm
Phosphor	P22
Recommended Display Area	355 x 265 mm (14" x 10.4")
Dot Pitch	0.25 mm
Horizontal Dot Pitch	0.21 mm
White Chromaticity, 5500º K	x = 0.332 / y = 0.347
White Chromaticity, 6500º K	x = 0.313 / y = 0.329
White Chromaticity, 9300º K	x = 0.283 / y = 0.297
Maximum Resolution	1920 x 1440 @ 60 Hz
Recommended Resolution	1280 x 1024 @ 85 Hz
Factory Preset Modes	7 modes 720 x 400 @ 70 Hz, 800 x 600 @ 75 Hz, 800 x 600 @ 85 Hz, 1024 x 768 @ 75 Hz, 1024 x 768 @ 85 Hz, 1280 x 1024 @ 75 Hz, 1280 x 1024 @ 85 Hz
Factory Preload Modes	24 modes
Video Dot Rate	240 MHz
Horizontal Scanning Frequency	30 - 92 KHz
Vertical Scanning Frequency	50 - 160 Hz
Recommended Refresh Rate	85 Hz
Screen Enhancements	Anti-glare Polarizer, Anti-Reflection, Anti-Static, High Brightness, High Contrast
LightFrame™	Yes
sRGB	Yes
GTF	Yes

Connectivity

Cables	D-sub Video Cable, Power Cord
Sync Input Impedance (ohm)	2.2 k
Video Input Impedance (ohm)	75
Video Input Signal Levels	0.7 Vpp
Video Sync Input Signal	Composite Sync, Separate Sync, Sync on Green
Video Sync Polarities	Positive and Negative
Cable Connection	AC Power in, D-sub

Convenience

Convenience Enhancements	Menu Languages, On-screen Display
Monitor Controls	Brightness Control, Contrast Control, LightFrame Hotkey, Left/Right, Menu, Power On/Off, Up/Down
OSD Languages	English, French, German, Italian, Simplified Chinese, Spanish, Portuguese, Korean
Plug & Play Compatibility	DDC 2B, sRGB, Windows 98/ME/2000/XP
Regulatory Approvals	CE Mark, FCC-B, UL, CSA, SEMKO, MPR-II, Low Emission, TÜV/GS, TÜV Ergo, FDA, CCC, Energy Star, E2000
Swivel	+/- 90°
Tilt	-5° to 25°

Accessories

Included Accessories	AC Power Cord
User Manual	Yes

Dimensions

Depth (with base)	449 mm
Height (with base)	433 mm
Width (with base)	440 mm
Temperature Range (Operation)	0°C to 35°C
Temperature Range (Storage)	-25°C to 65°C
Weight	20 kg

Power

Comply With	Energy Star, E2000
Consumption	65 W (Typical)
Off Mode	1 W
Power LED Indicator	Off, Amber; Operation, Green
Power Supply	Built-in

Lead free

Lead-free display products are designed and produced in compliance with strict European Community Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm health and the environment.

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